

FIGURE 1

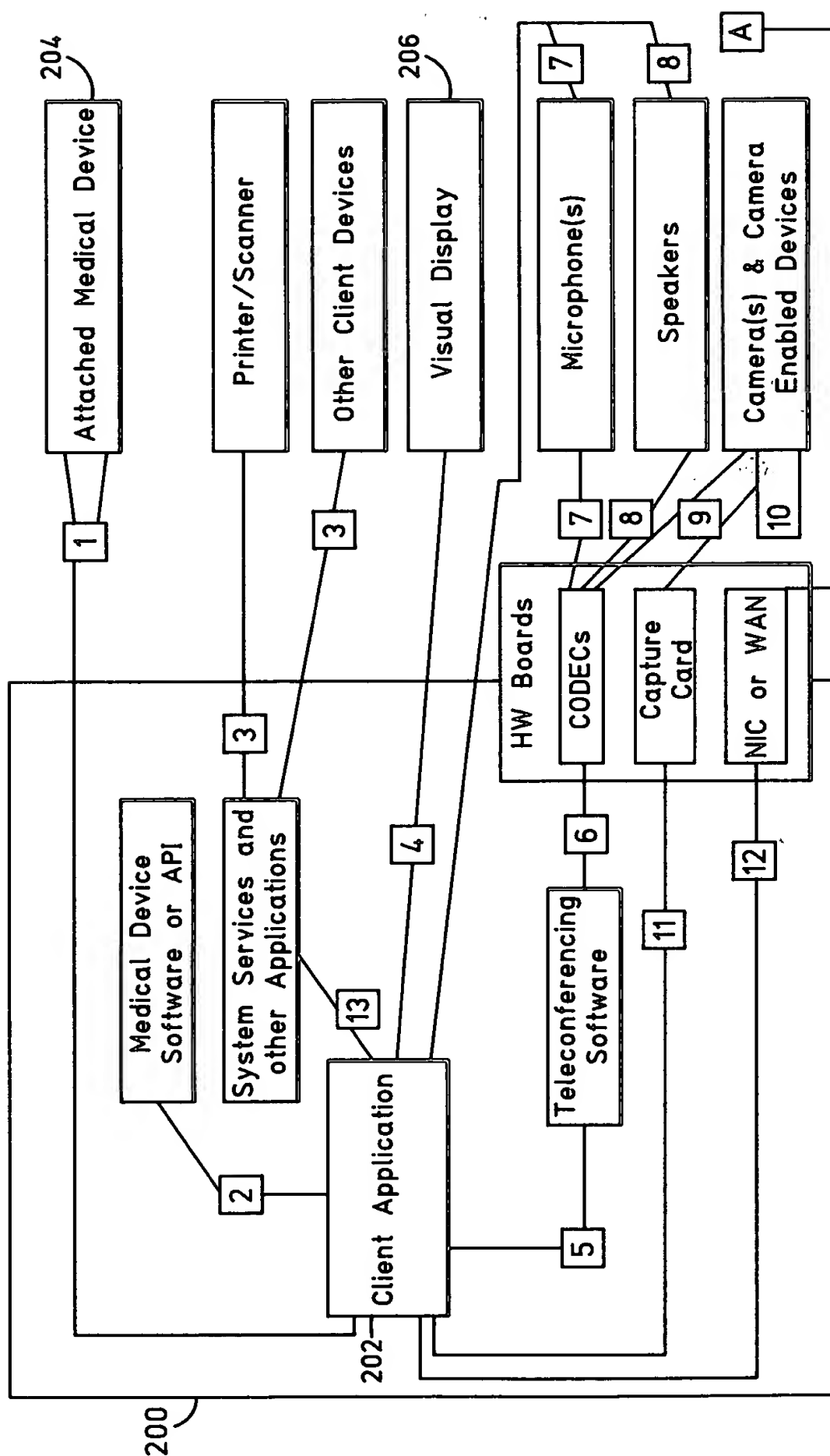
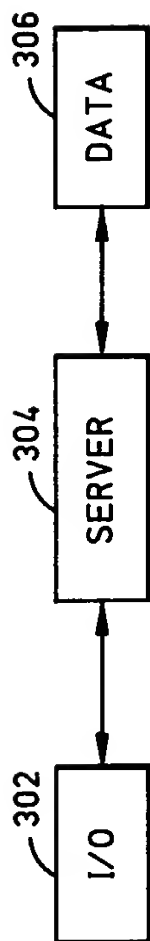


FIGURE 2



100

FIGURE 3

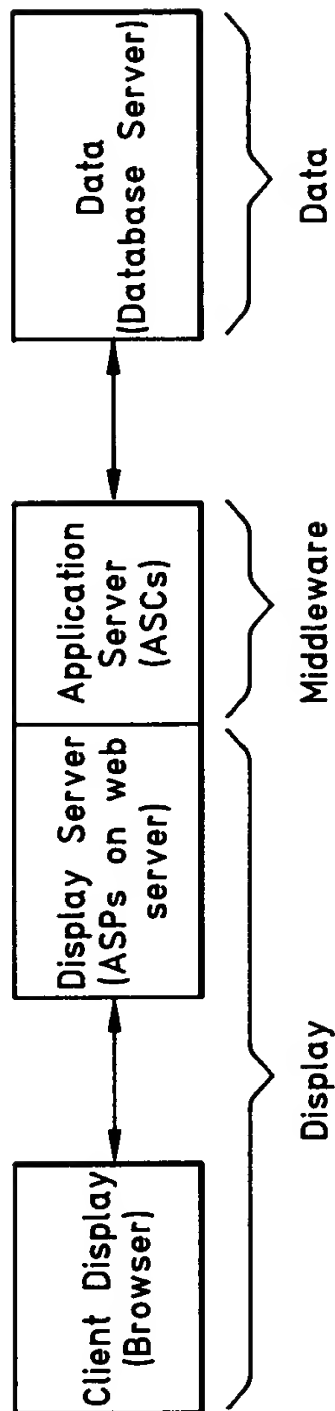


FIGURE 4

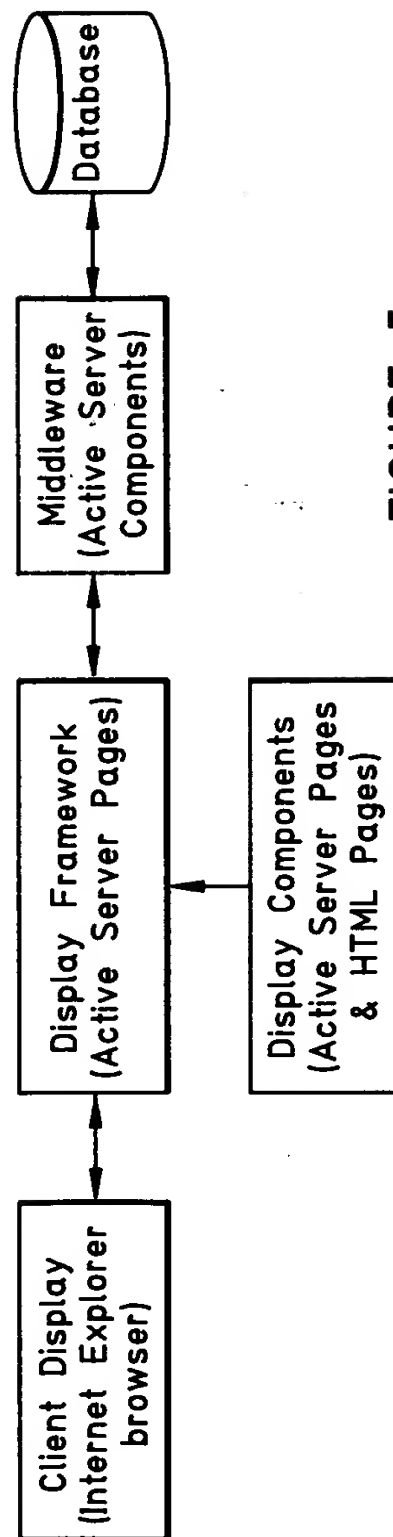


FIGURE 5

FIGURE 6A

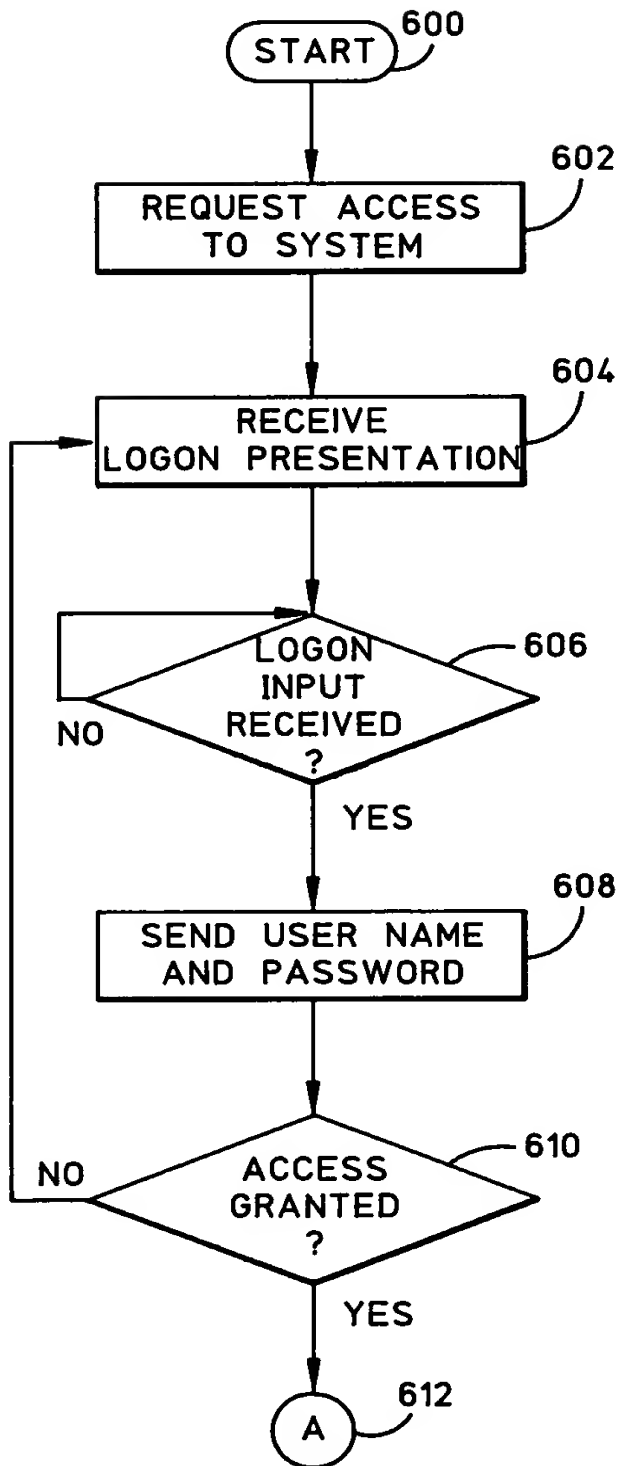


FIGURE 7A

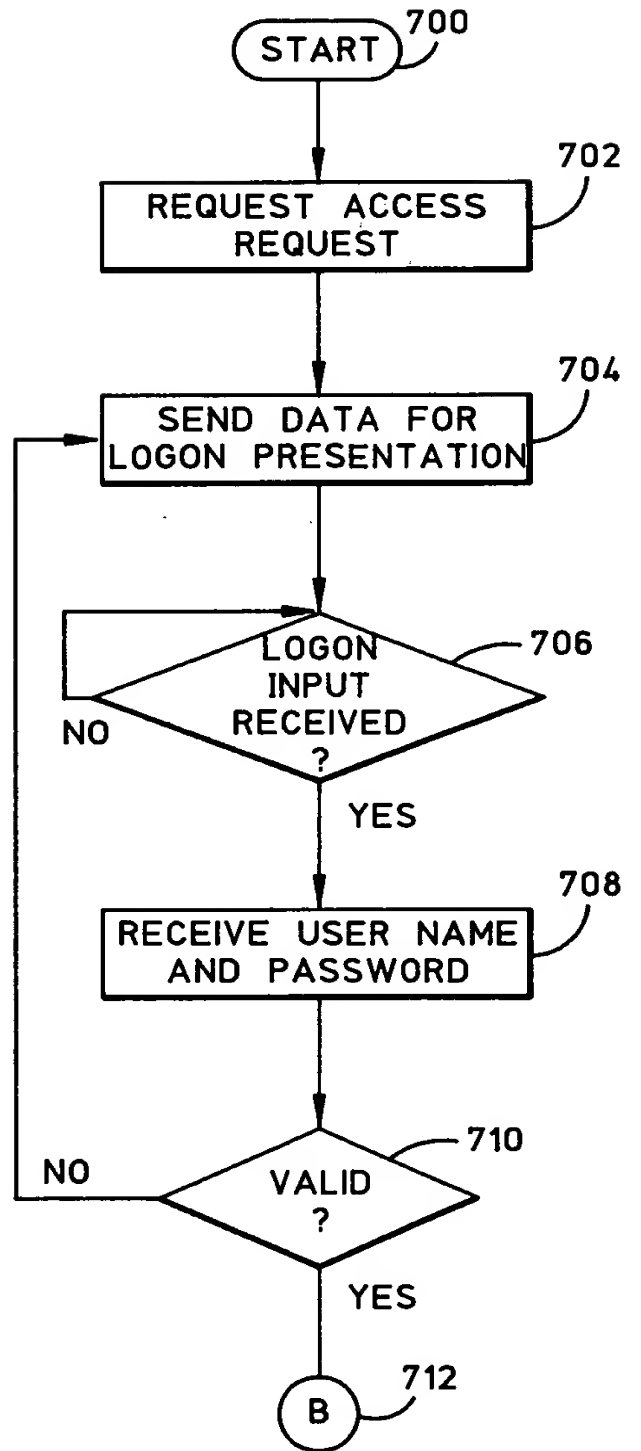


FIGURE 6B

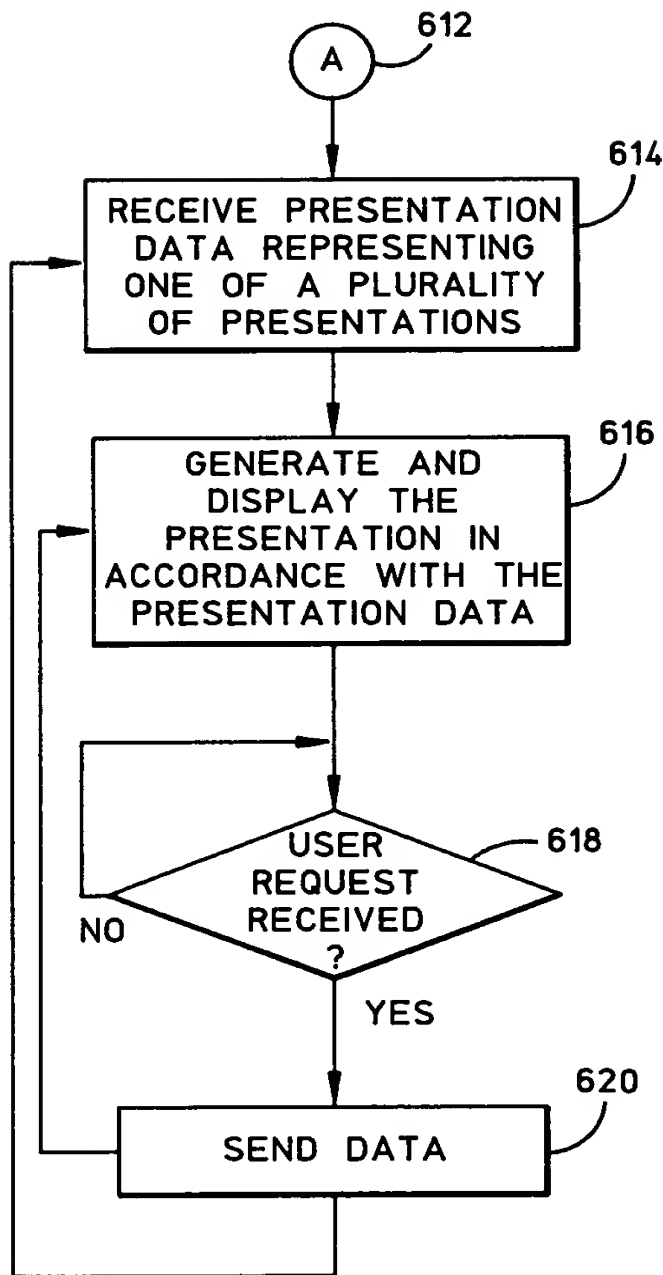


FIGURE 7B

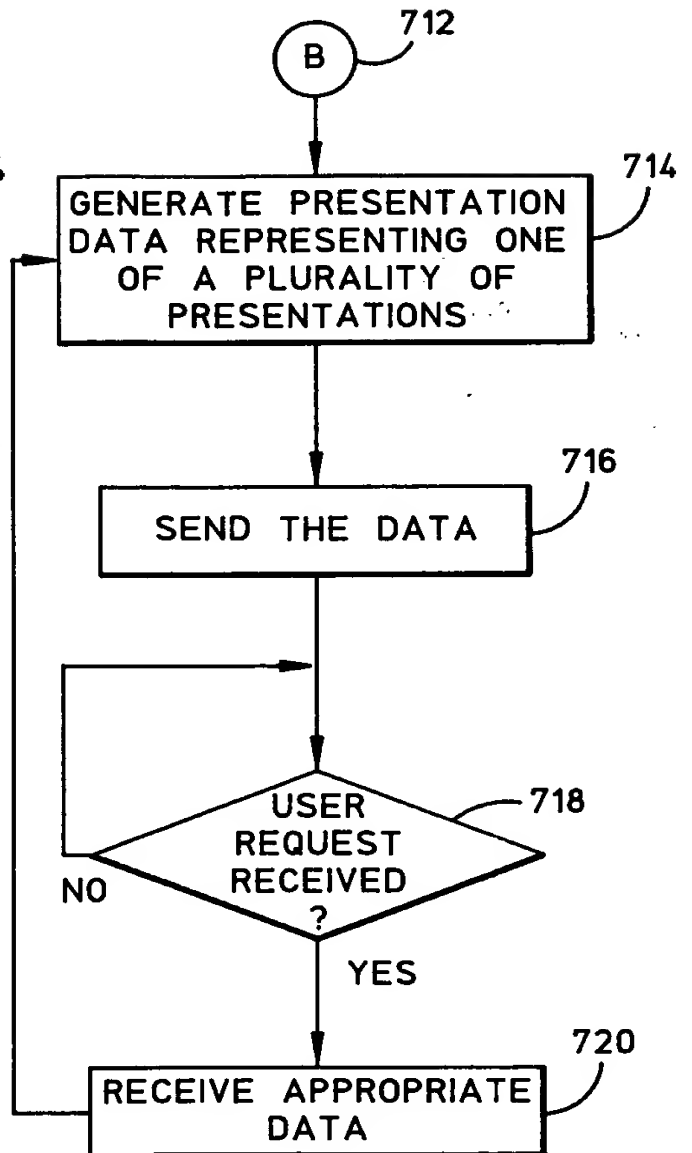
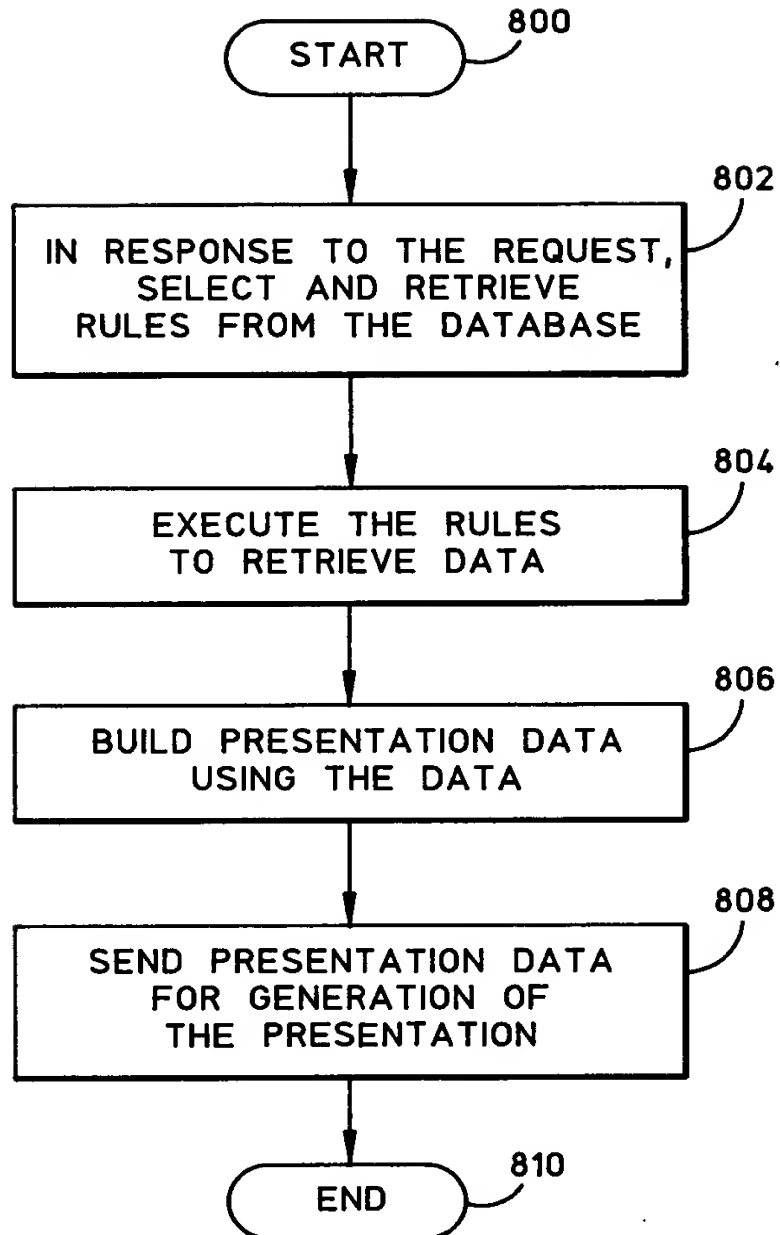


FIGURE 8



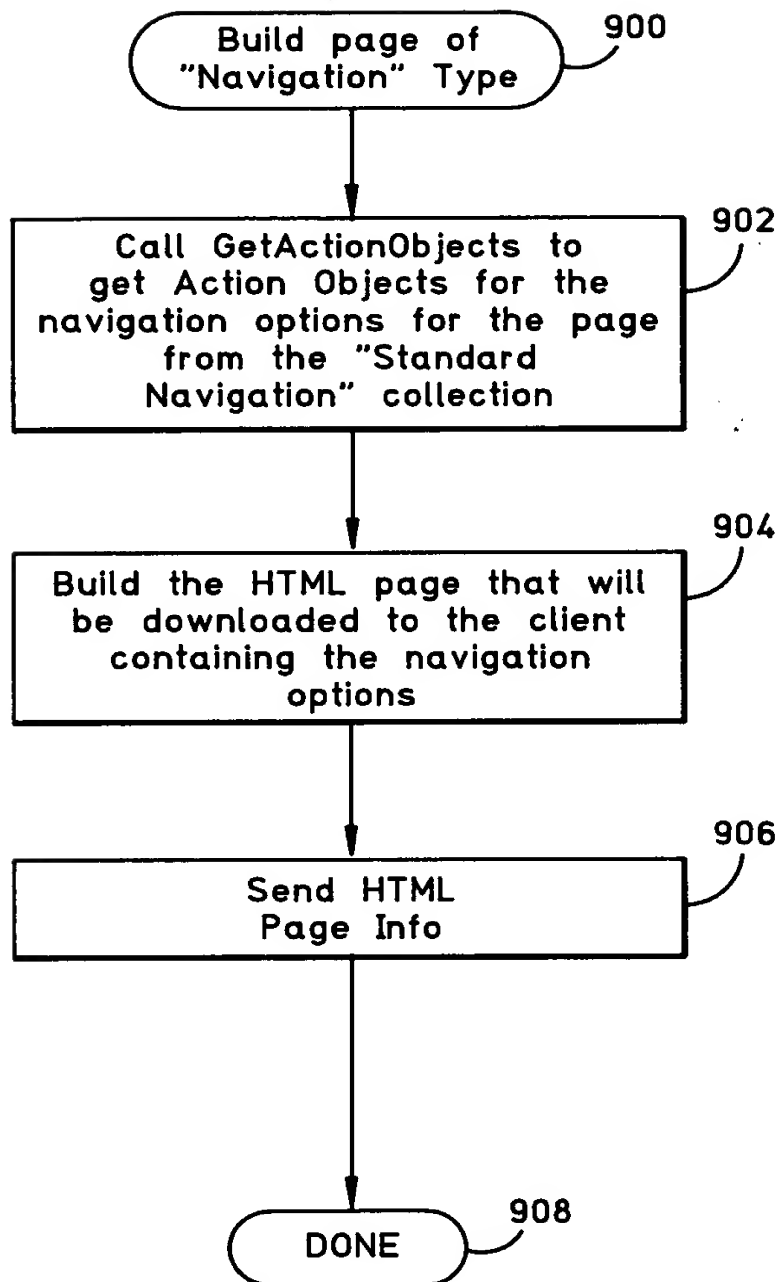
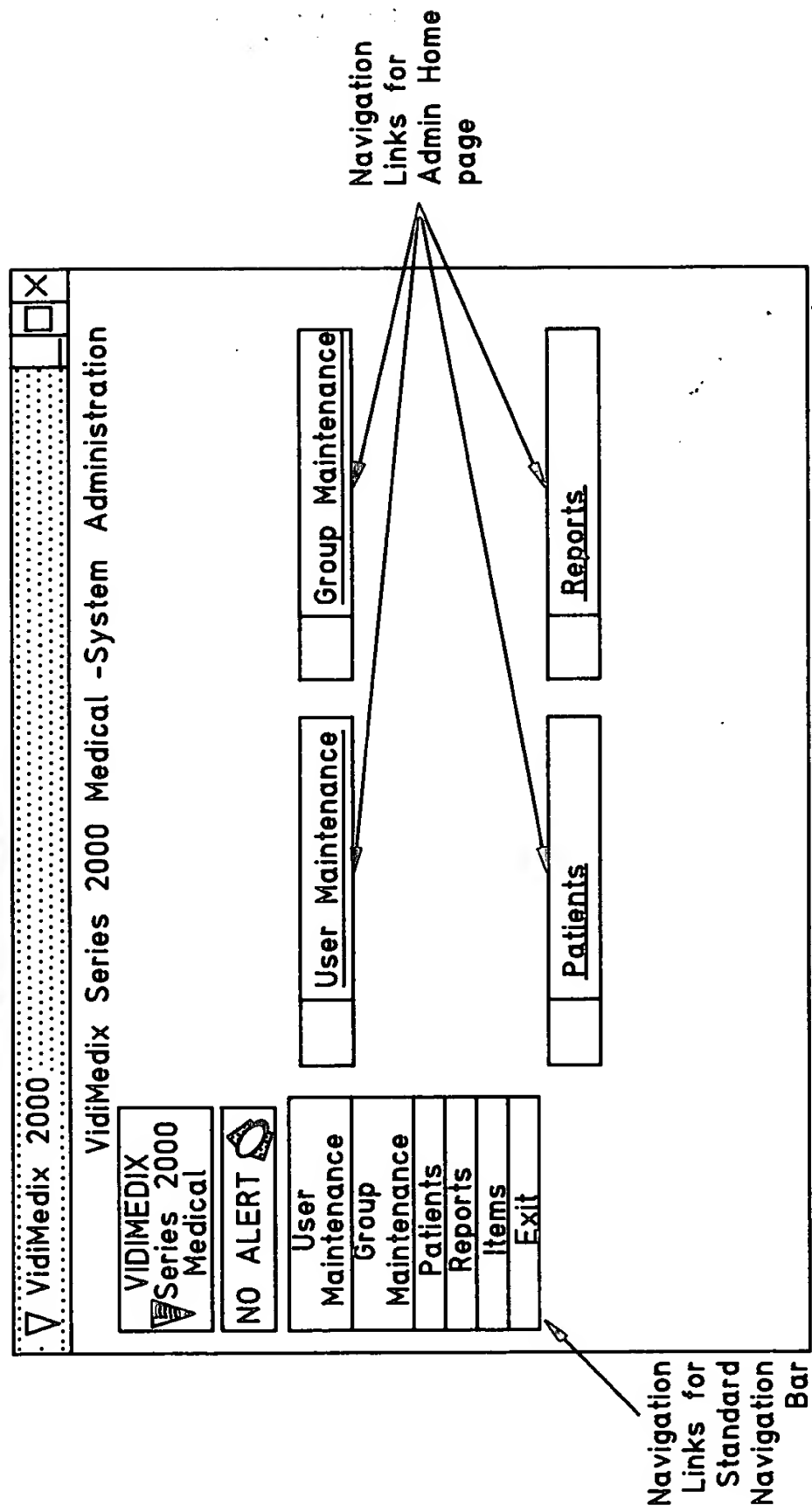


FIGURE 9

FIGURE 10

PAGE = "NAVIGATION" TYPE





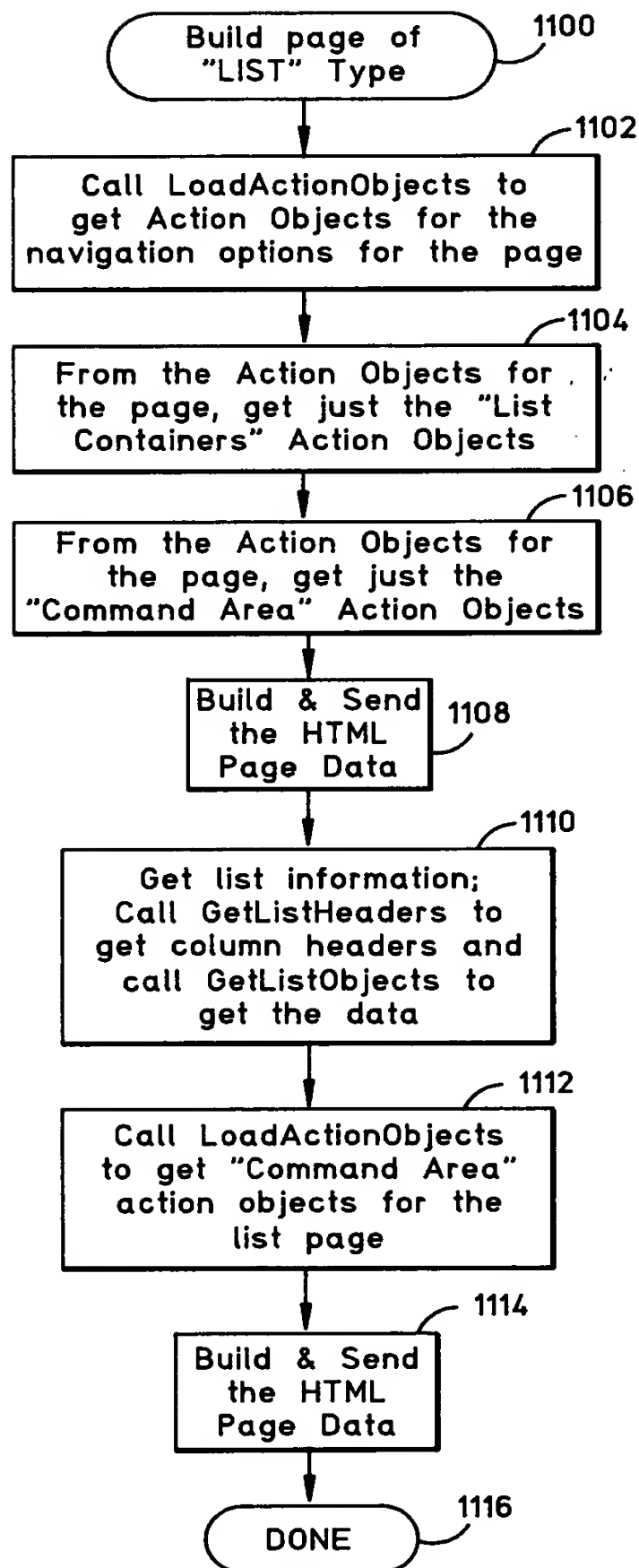


FIGURE 11



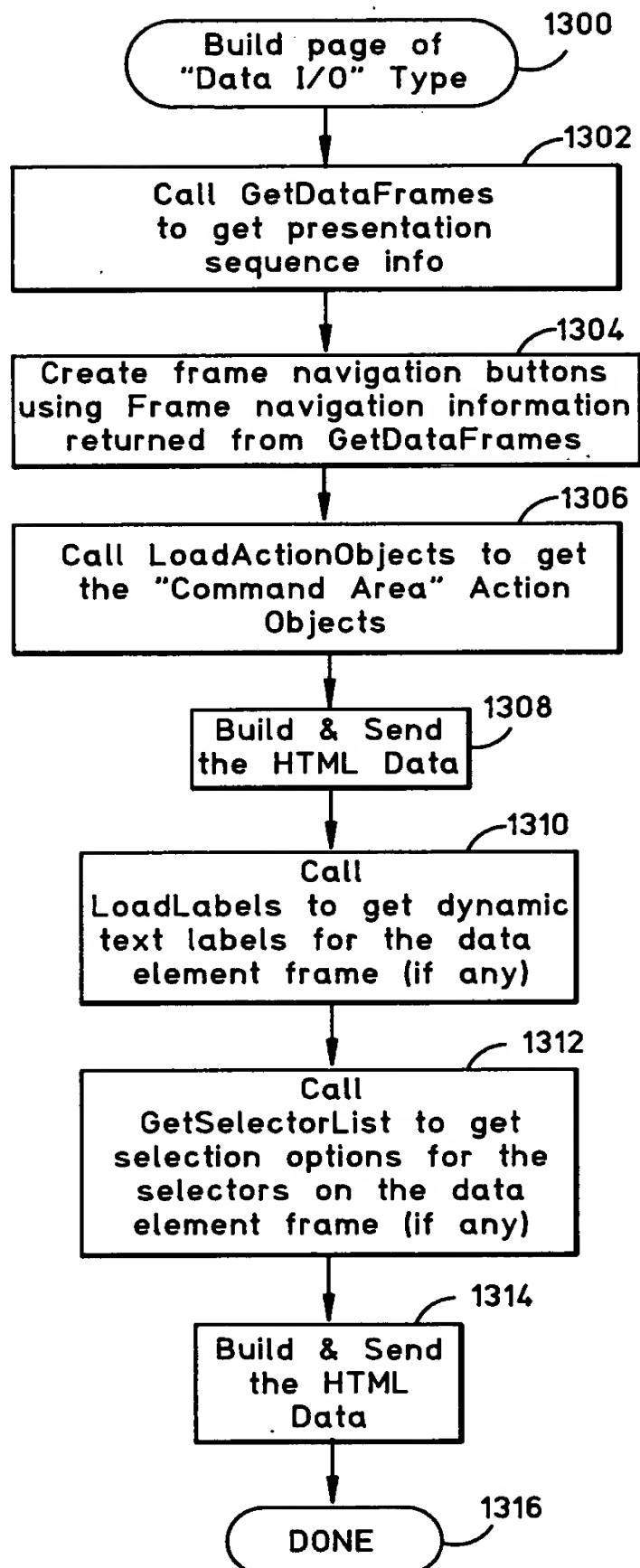


FIGURE 13

FIGURE 14

PAGE = "DATA I/O" TYPE

VIDIMEDIX  
Series 2000  
Medical

NO ALERT

Patients

Patient

Registration

Appointments

Schedule Patient

Video

Conference

Send Alert

Home

Configuration

Exit

VIDIMedix : 2000

Add Patient

Personal Info

Patient Info

Med Record No.

Patient Portrait

Personal Information

Name

Mr. John Doe

Title First Name Middle Name Last Name Suffix

Date of Birth

1/17/99

(mm/dd/yyyy)

Gender

Male

(mm/dd/yyyy)

SSN

333-44-5555

(###-##-####)

Patient Information

Primary Phys James Cable MD

Patient Status

Active

Medical Record No.

Med Record

Number A-123456789

Med Record

Clinic1

Patient Portrait

No Image

Save Cancel Print

Text Labels  
(from LoadLabels call)

Selectors  
(from GetSelectorList call)

Frame Navigation  
Buttons (from  
GetDataFrames call)

Frame Labels (from  
GetDataFrames call)

4 Frames (from  
GetDataFrames call)

"Command Area"  
Action Objects (for  
Data Input Controls)

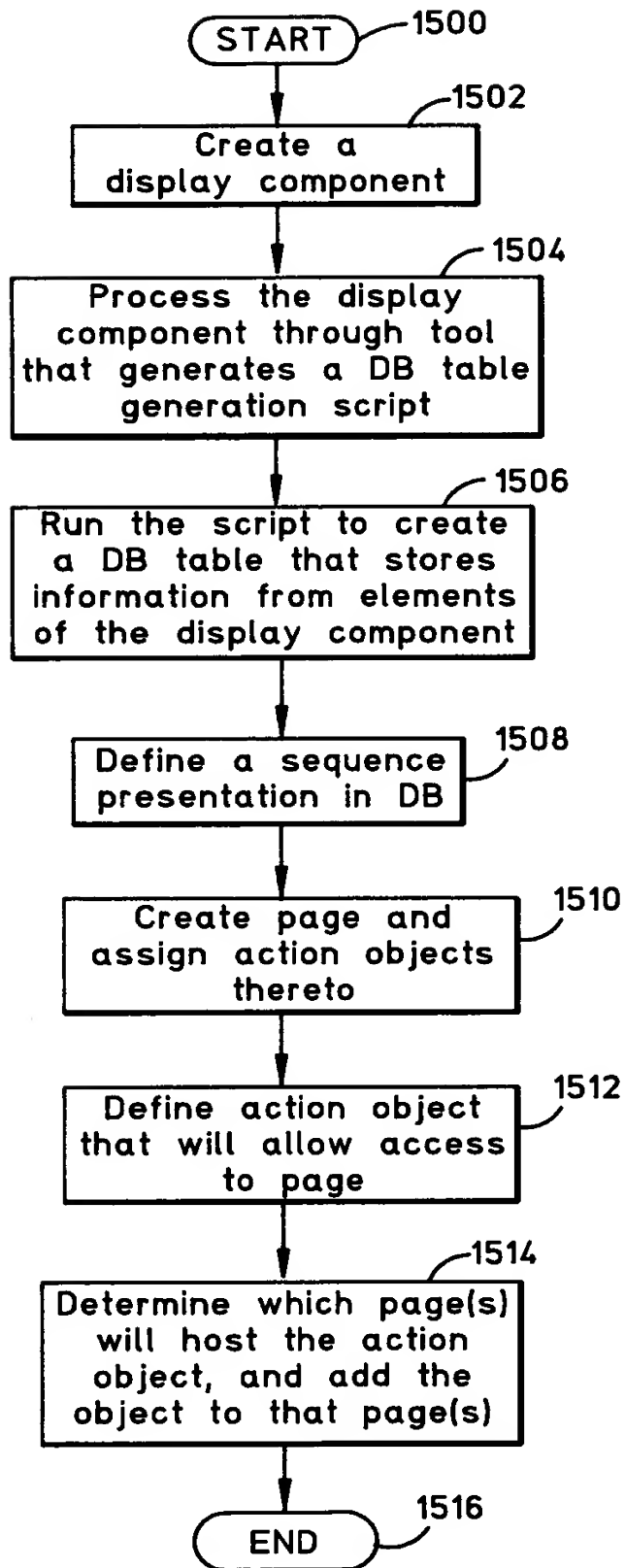


FIGURE 15

<b>Vidimedic 2000</b> <b>VIMEDIX</b> Series 2000 Medical		<b>Texas Back Institute Chart</b> RXMsgs Rehab Misc Telemed Appts Cover Page Patient Info Summary Diag Hospital																																													
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">NO ALERT </div> <div style="border: 1px solid black; padding: 5px;">           Patients              Patient              Registration              Appointments              Schedule Patient              Video Conference              Send Alert              Home              Configuration              Exit         </div>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">           Allergies Personal Data Vital Signs Other Data         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <b>Allergies</b>  <div style="border: 1px solid black; padding: 2px;">ALLERGIES</div> <div style="border: 1px solid black; padding: 2px;">No Known or Detected Allergies</div> </div> <div style="border: 1px solid black; padding: 5px;"> <b>Patient Data</b>      Patient            Name Appleman, Jane D.    Patent Acct No. A34116            SSN 435-15-6167             Birthdate: 1/17/1961 Age: 38         </div>																																													
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">No Photo Available</div> <p>Jane D. Appleman Gender: Female DOB: 1/17/61</p> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">           Chart  Done         </div>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <b>Vital Signs</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Vital Signs</th> </tr> <tr> <th>DATE</th> <th>WT</th> <th>B.P.</th> <th>PULSE HT.</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td><input type="checkbox"/> FT <input type="checkbox"/> IN</td></tr> <tr><td></td><td></td><td></td><td><input type="checkbox"/> FT <input type="checkbox"/> IN</td></tr> <tr><td></td><td></td><td></td><td><input type="checkbox"/> FT <input type="checkbox"/> IN</td></tr> <tr><td></td><td></td><td></td><td><input type="checkbox"/> FT <input type="checkbox"/> IN</td></tr> <tr><td></td><td></td><td></td><td><input type="checkbox"/> FT <input type="checkbox"/> IN</td></tr> </tbody> </table> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <b>Other Data</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>View</th> <th>Name</th> <th>Date/Time</th> <th>Entered By</th> </tr> </thead> <tbody> <tr> <td>View</td> <td>Miss Reyes</td> <td>Jan.13.1999 11:11:31AM</td> <td>Pinkerton,S.</td> </tr> <tr> <td>View</td> <td>Adam Mount</td> <td>Jan.13.1999 11:11:31AM</td> <td>Pinkerton,S.</td> </tr> </tbody> </table> </div> <div style="border: 1px solid black; padding: 5px;"> <b>Scan Document</b>  <div style="float: right; text-align: right;"> <input type="button" value="Save"/> <input type="button" value="Exit"/> <input type="button" value="Cancel"/> </div> <div style="clear: both;"></div> Print Cover Page </div>						Vital Signs				DATE	WT	B.P.	PULSE HT.				<input type="checkbox"/> FT <input type="checkbox"/> IN				<input type="checkbox"/> FT <input type="checkbox"/> IN				<input type="checkbox"/> FT <input type="checkbox"/> IN				<input type="checkbox"/> FT <input type="checkbox"/> IN				<input type="checkbox"/> FT <input type="checkbox"/> IN	View	Name	Date/Time	Entered By	View	Miss Reyes	Jan.13.1999 11:11:31AM	Pinkerton,S.	View	Adam Mount	Jan.13.1999 11:11:31AM	Pinkerton,S.
Vital Signs																																															
DATE	WT	B.P.	PULSE HT.																																												
			<input type="checkbox"/> FT <input type="checkbox"/> IN																																												
			<input type="checkbox"/> FT <input type="checkbox"/> IN																																												
			<input type="checkbox"/> FT <input type="checkbox"/> IN																																												
			<input type="checkbox"/> FT <input type="checkbox"/> IN																																												
			<input type="checkbox"/> FT <input type="checkbox"/> IN																																												
View	Name	Date/Time	Entered By																																												
View	Miss Reyes	Jan.13.1999 11:11:31AM	Pinkerton,S.																																												
View	Adam Mount	Jan.13.1999 11:11:31AM	Pinkerton,S.																																												

User created  
display  
component 1  
(HTML)

User created display component 2 (HTML)

User created display component 3 (HTML)

**Embedded data list framework.**

FIGURE 17

VidiMedix 2000		Add Audio	
VIDIMEDIX Series 2000 Medical		Data Item Information	Audio
NO ALERT		Data Item Information	
Patients Patient Registration Appointments Schedule Patient Video Conference Send Alert Home Configuration Exit		Item Name	Patient examination dictation
		Item Description	Notes dictated during examination on 1/19/99
Jane D. Appleman Gender: Female DOB:1:17:61		Audio	
Chart Done		Beginning Stop Play Record Ending	
		Save Cancel Print	

Data  
item  
information

audio

FIGURE 18

VidiMedix 2000
VIDIMEDIX  
Series 2000  
Medical

NO ALERT

Patients  
Patient  
Registration  
Appointments  
Schedule Patient  
Video  
Conference  
Send Alert  
Home  
Configuration  
Exit

No Photo Available

Jane D. Appleman  
Gender: Female  
DOB:1:17:61

Chart  
Done

Add Text

Data Item Information	Text
Data Item Information Item Name: Patient interview Item Description: Information provided by patient on visit of 1/19/99	Text Patient came complaining of breathing difficulties. No external injuries were observed. Has no allergies. Had the patient take a chest x-ray. Initial observation indicated no abnormalities. May need to consult Dr. A.I




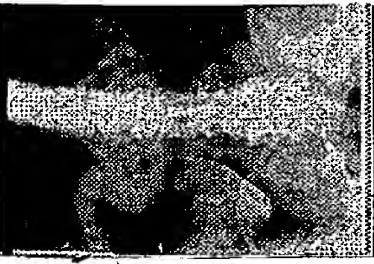
Save Cancel Print

Data item information

text



FIGURE 19

VidiMedix 2000		Import Image	
 <b>VIDIMEDIX</b> Series 2000 Medical		Data Item Information    Import Image	
<div>NO ALERT </div> <div>           Patients            Patient            Registration            Appointments            Schedule Patient            Video            Conference            Send Alert            Home            Configuration            Exit         </div> <div>            No Photo Available         </div> <div>           Jane D. Appleman            Gender: Female            DOB: 1:17:61         </div> <div> <div>Chart</div> <div>Done</div> </div>		<div> <div>Data Item Information</div> <div>           Item Name <input type="text" value="Chest X-ray 1"/> </div> <div>           Item Description <input type="text" value="Patient shows no abnormalities"/> </div> </div> <div> <div>Import Image</div> <div>  <div>           Import image            Browse         </div> </div> </div>	
		<div>Save</div> <div>Cancel</div> <div>Print</div>	

Data item information

Image Import





<b>VIDIMEDIX</b> Series 2000 Medical		RXMessages   Rehab   Misc   Telemed   Appts Cover Page   Pat Info   Summary   Diag   Hosp	
<b>NO ALERT</b> 	<b>Patient Info   Registration   Portrait</b>		
<div style="border: 1px solid black; height: 100px; width: 100%;"></div>	<b>Patient Information</b> Primary Physician <input type="text"/> Patient Status <input type="text" value="Active"/>		
	<b>Patient Registration</b> Texas Back Institute - Registration Form		
	<b>Information about the policy holder</b> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		
	<b>Information about the patient</b> <input type="text"/> <input type="text"/> <input type="text"/>		
	<b>Medical information about the patient</b> <input type="text"/> <input type="text"/>		
	<b>Information about your health insurance</b> <input type="text"/> <input type="text"/> <input type="text"/>		
	Signature _____ Date _____		
	<div style="border: 1px solid black; height: 40px; width: 100%;"></div>		
	<b>Patient Portrait</b>	 <input type="button" value="Add Image"/>	<b>Image Capture</b>
	<input type="button" value="Save"/> <input type="button" value="Exit"/> <input type="button" value="Cancel"/>		
<input type="button" value="Print Portrait Information"/>			

FIG. 21

FIGURE 22

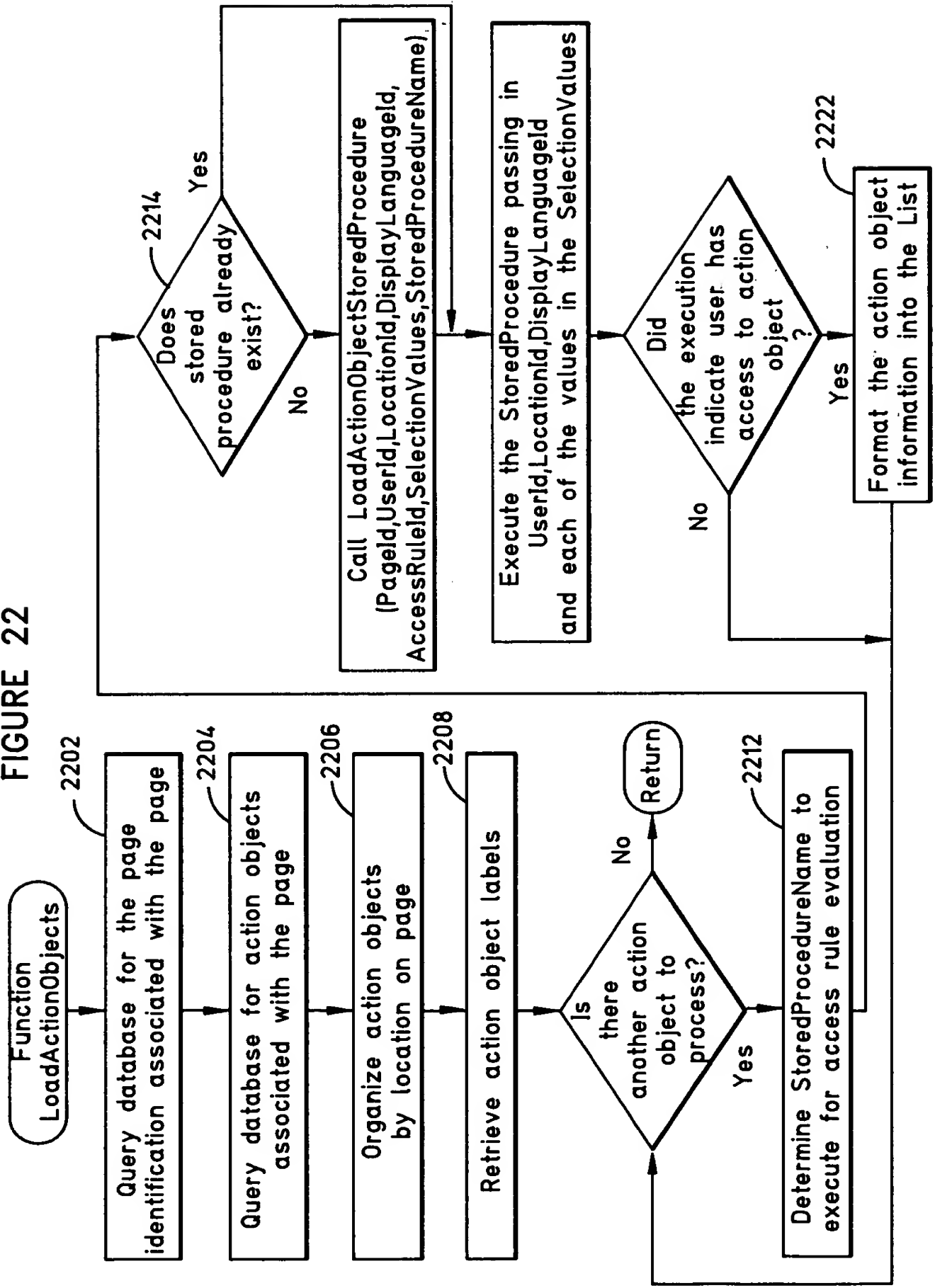


FIGURE 23

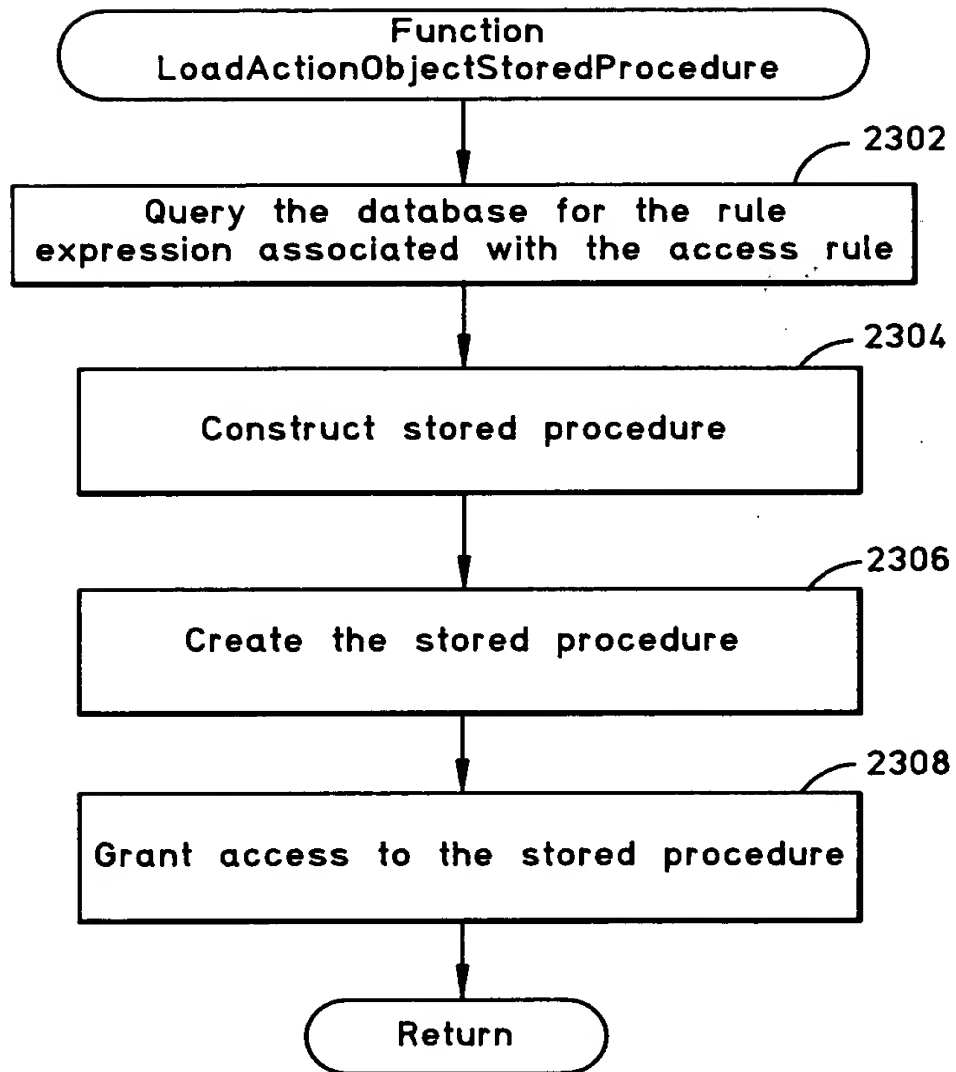


FIGURE 24

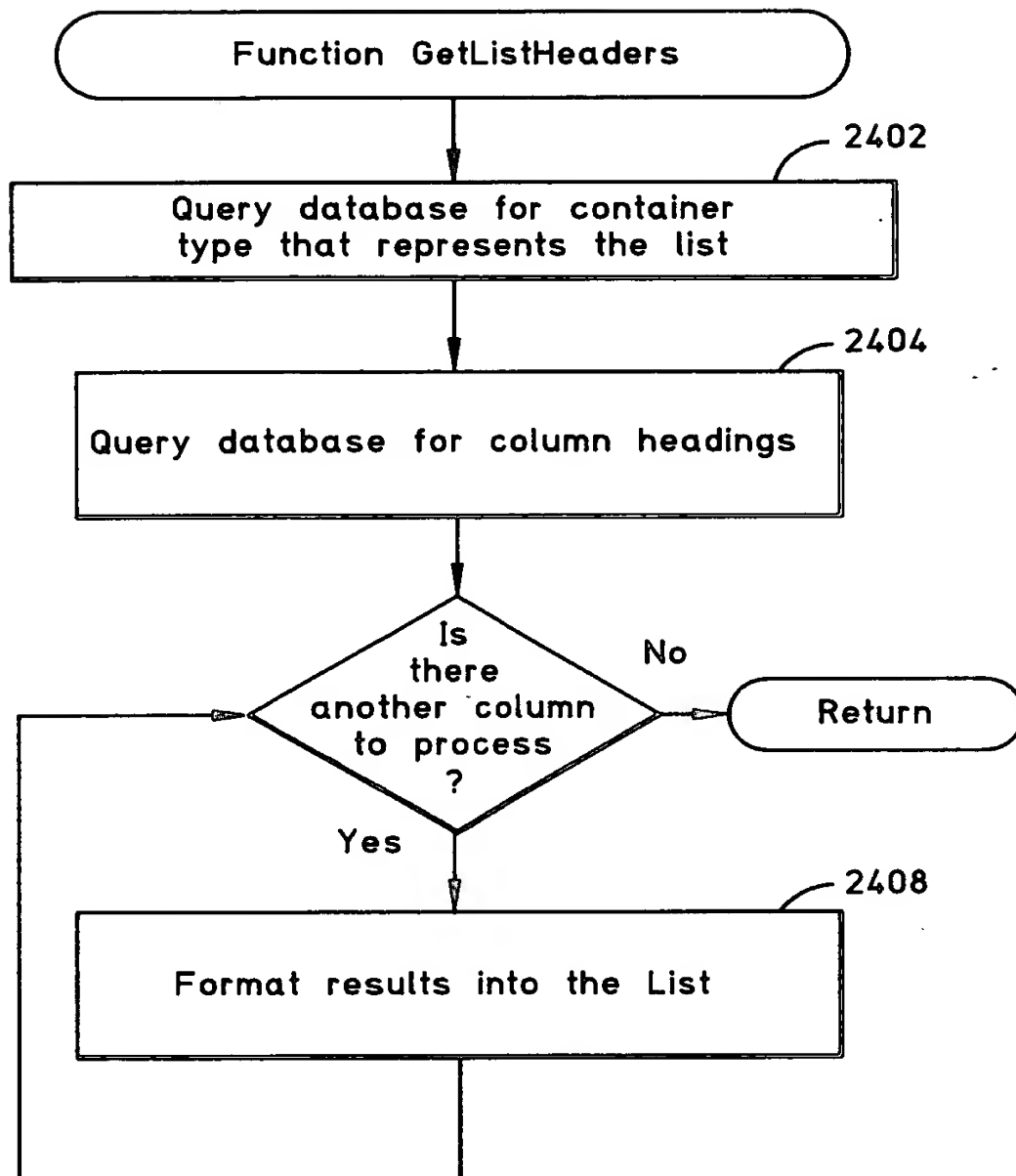


FIGURE 25

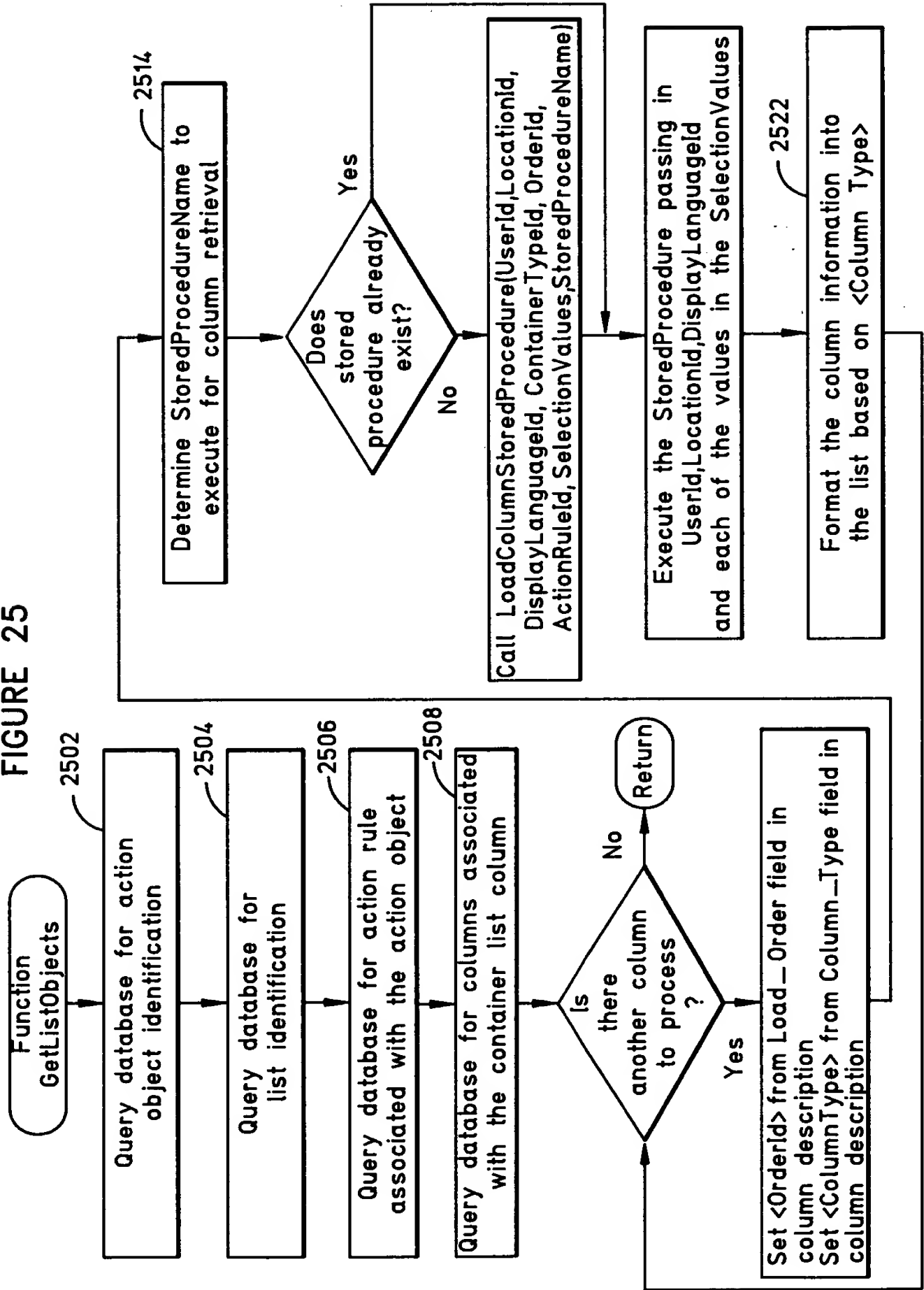


FIGURE 26

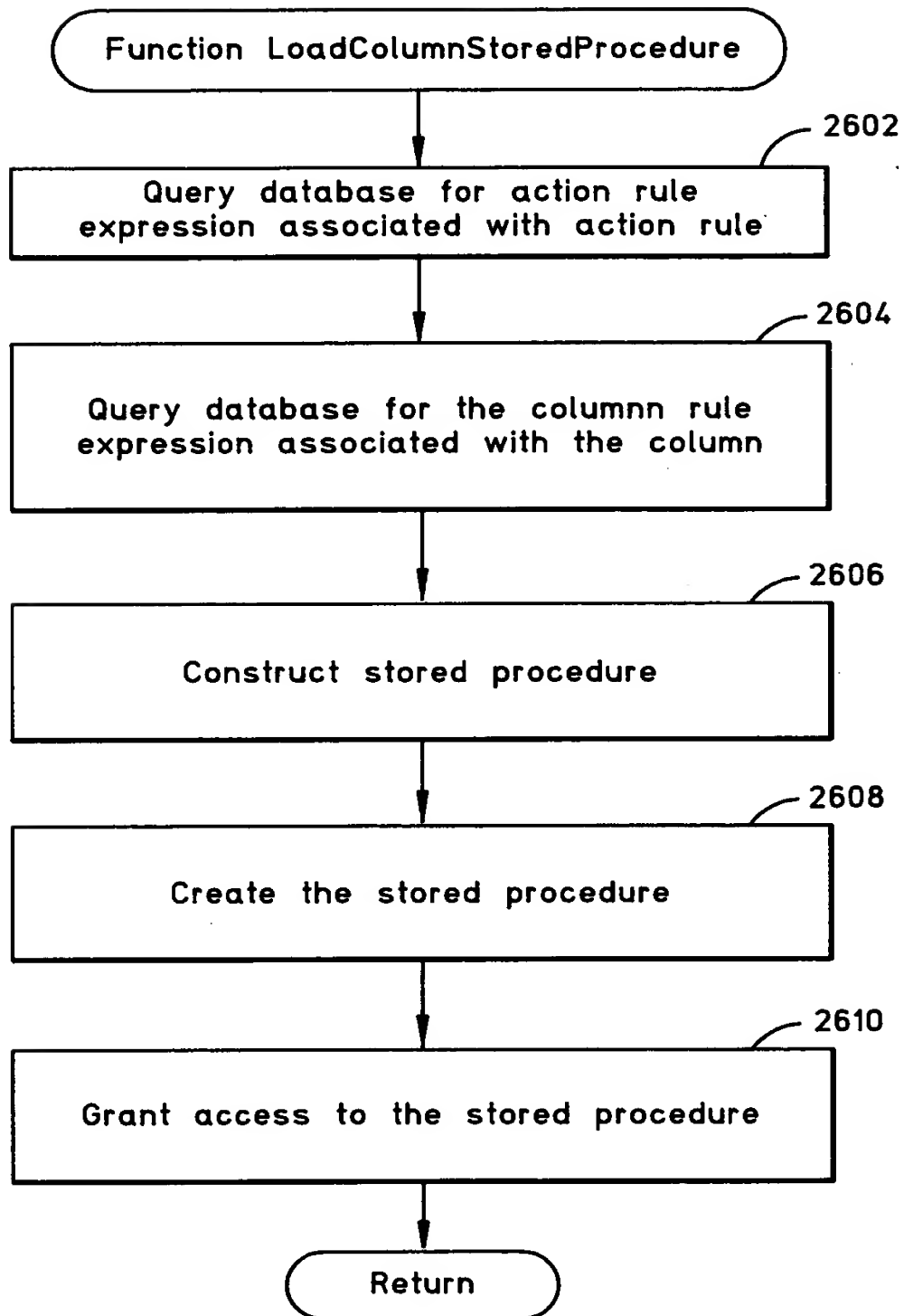




FIGURE 27

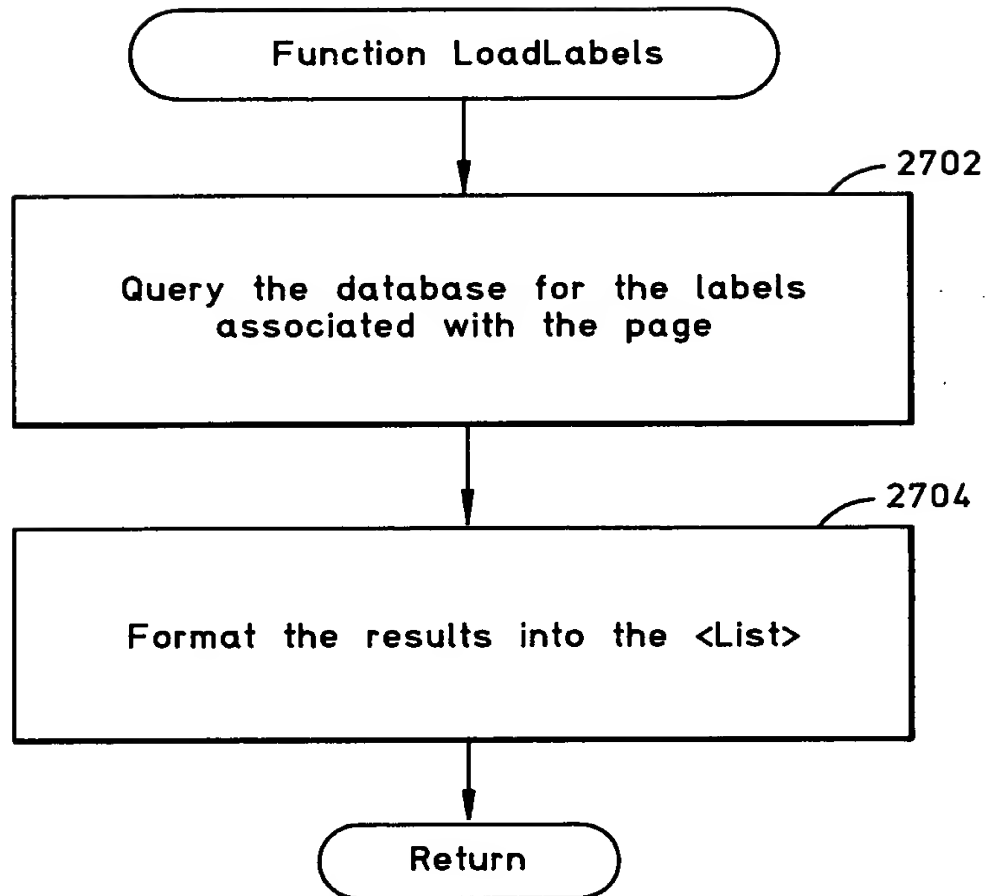


FIGURE 28A

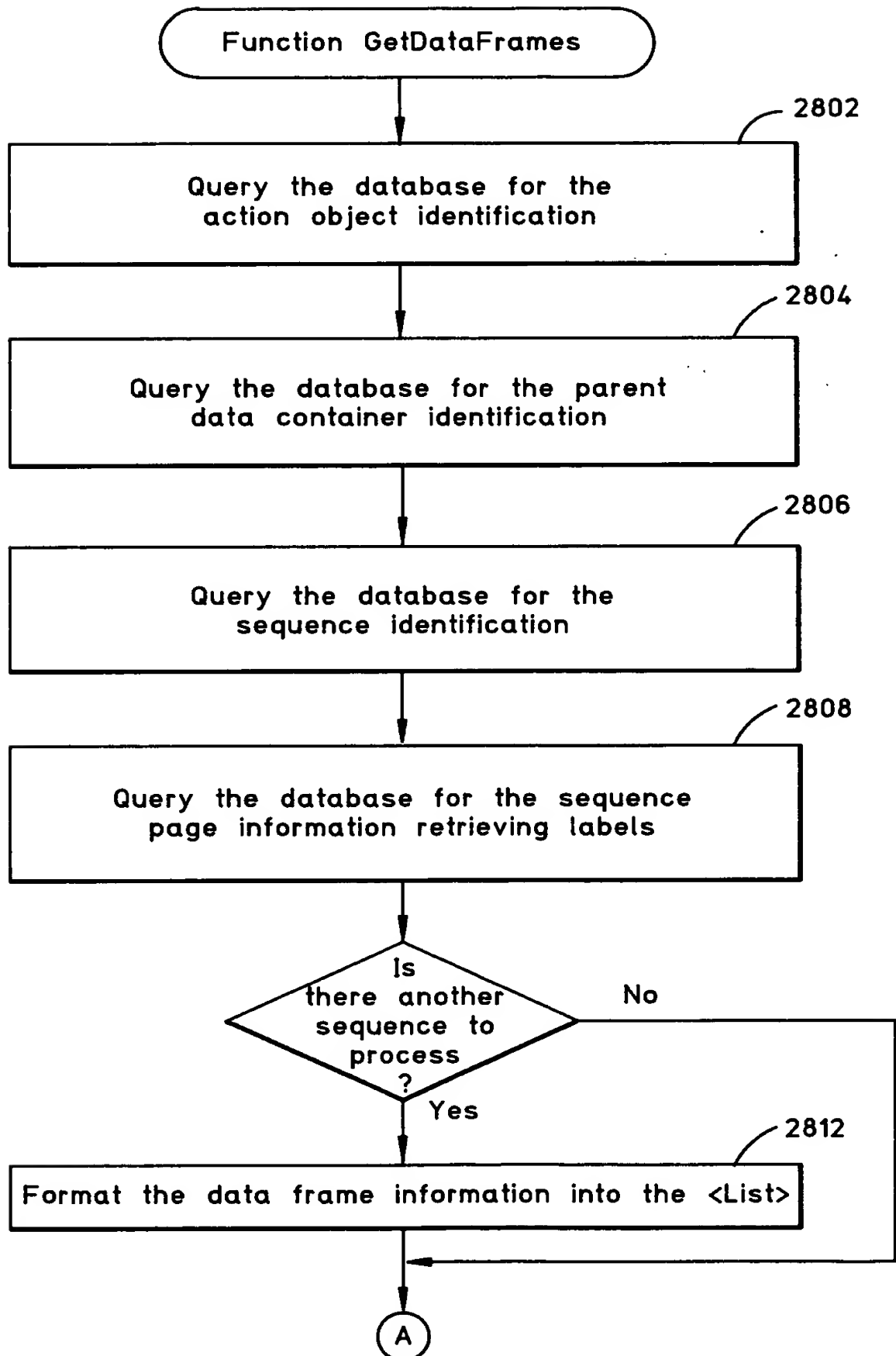


FIGURE 28B

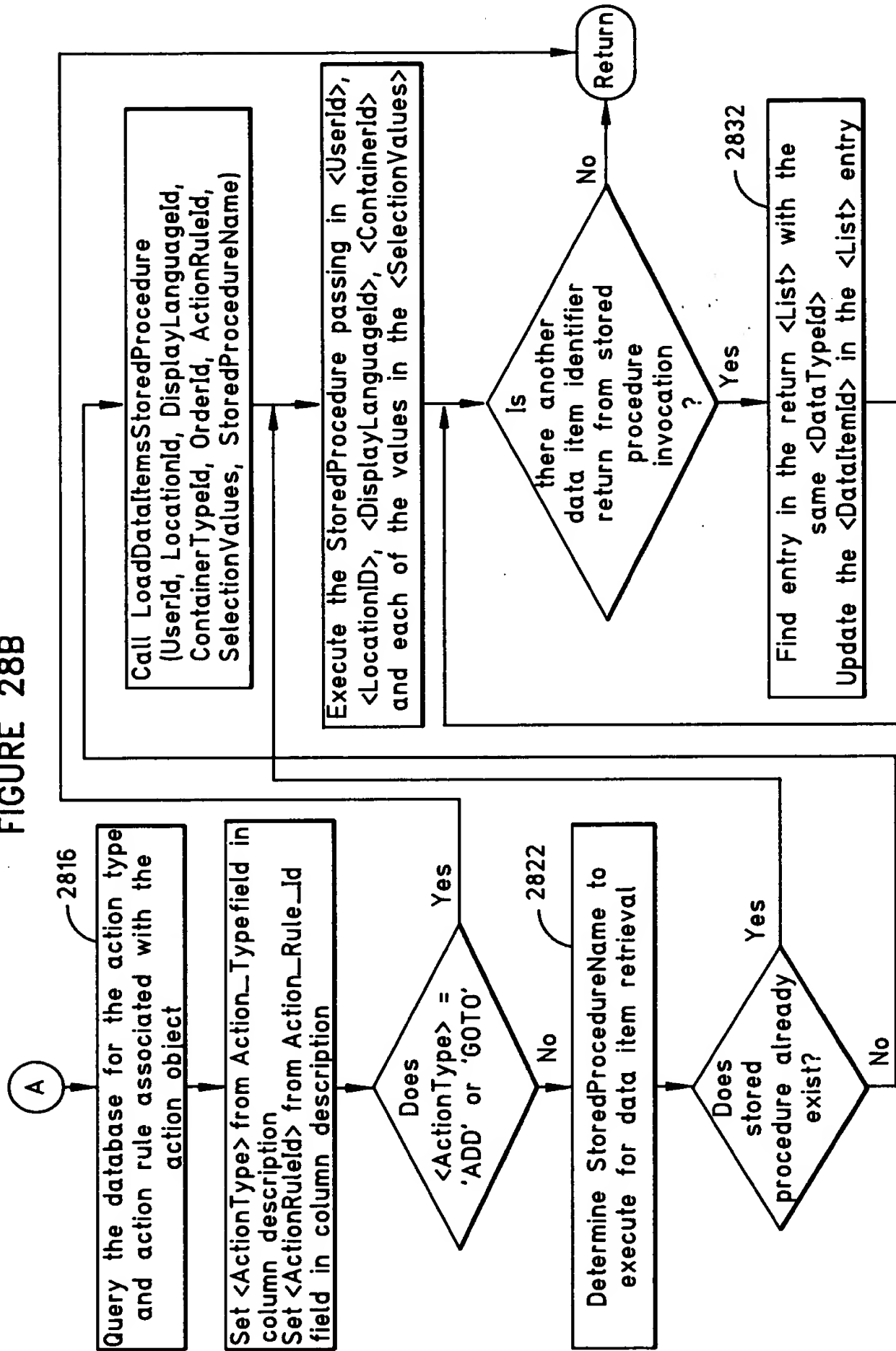


FIGURE 29

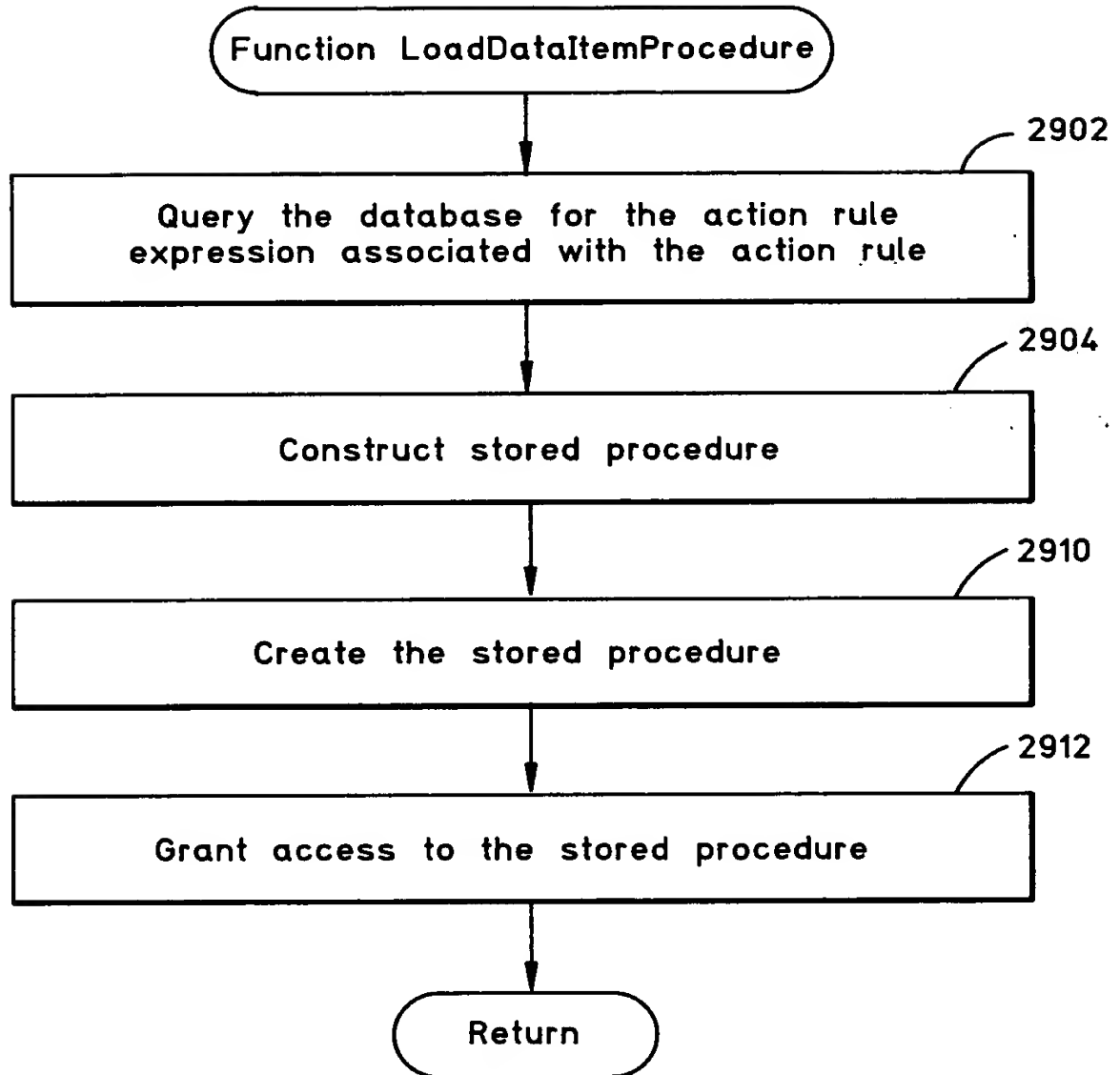


FIGURE 30

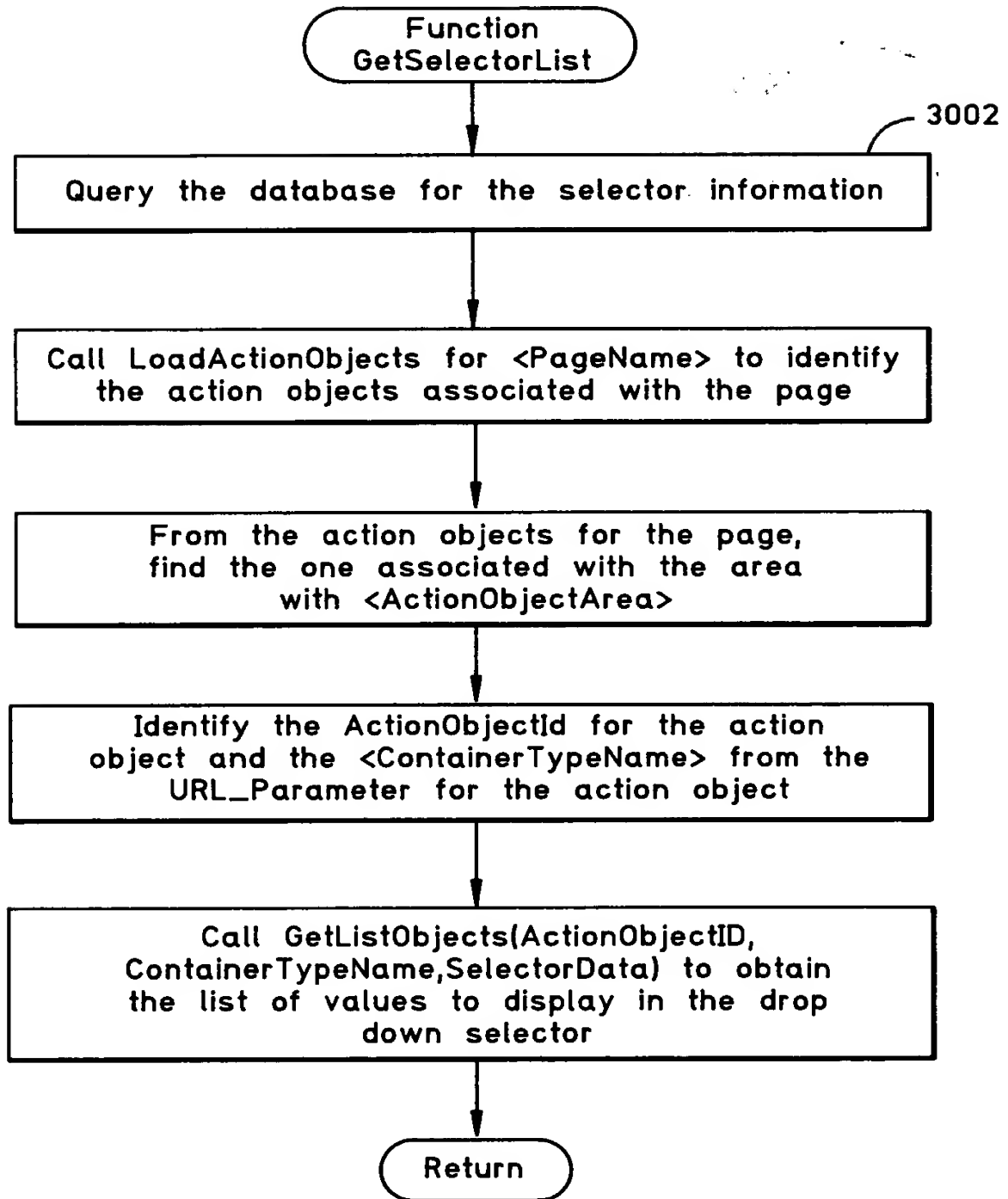


FIGURE 31

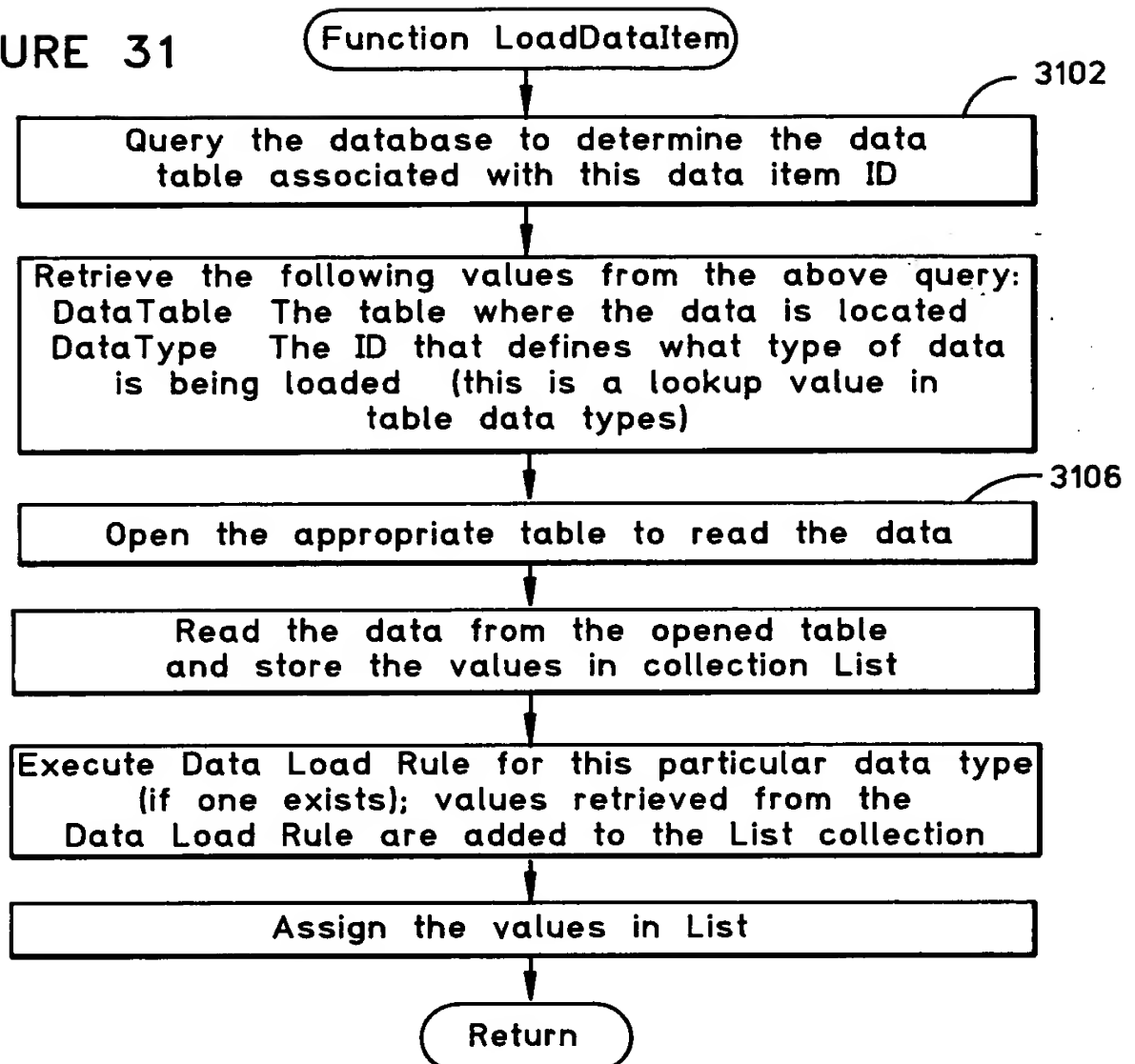


FIGURE 32

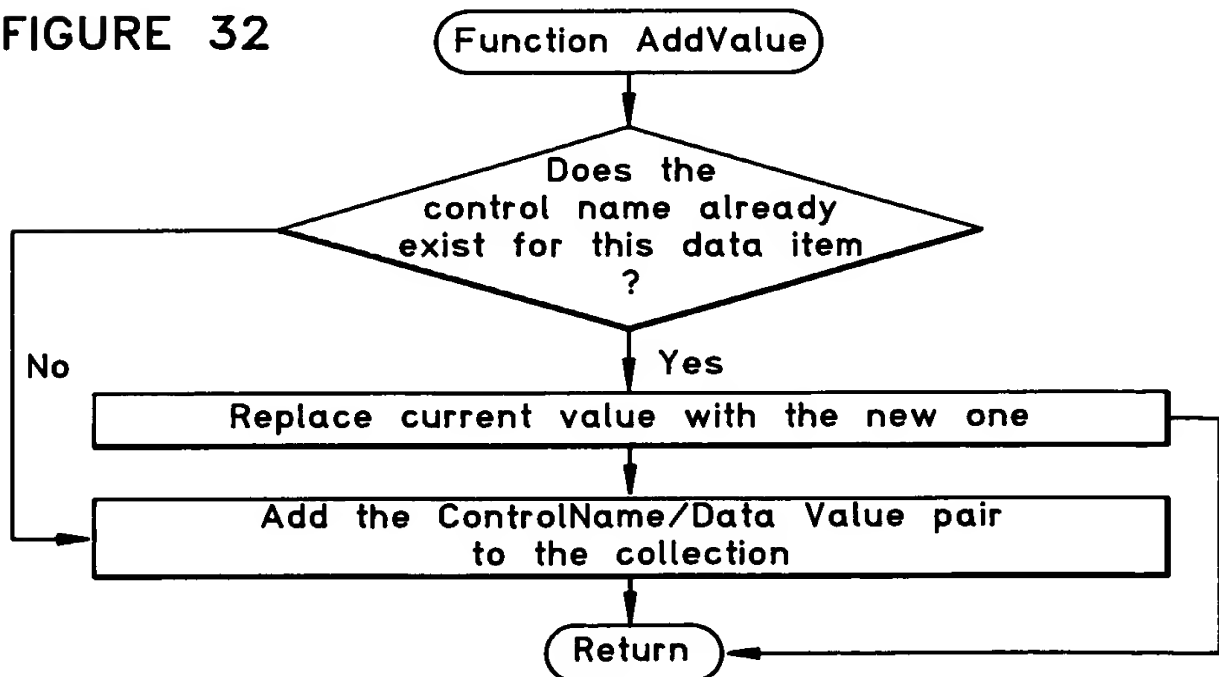


FIGURE 33

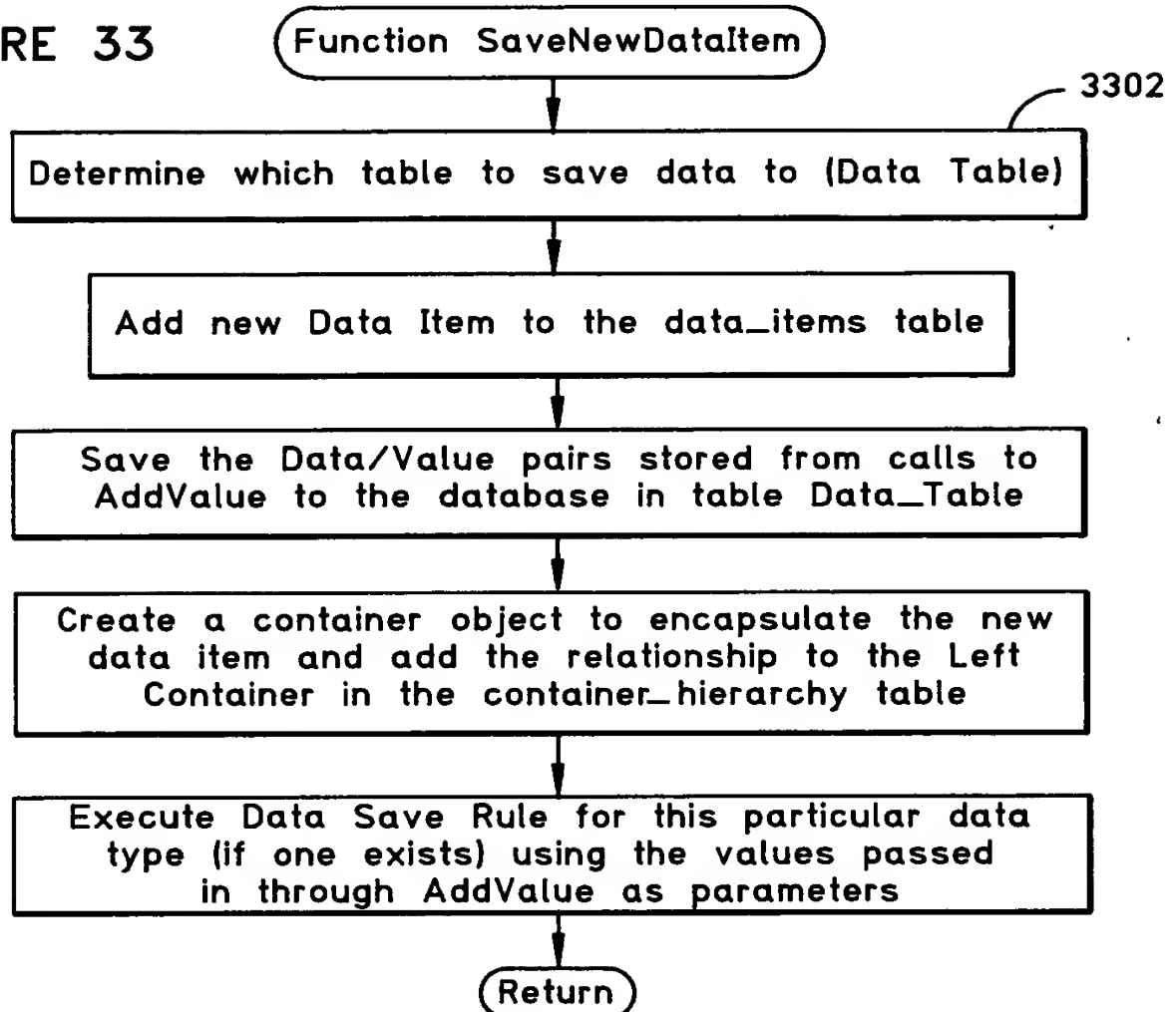
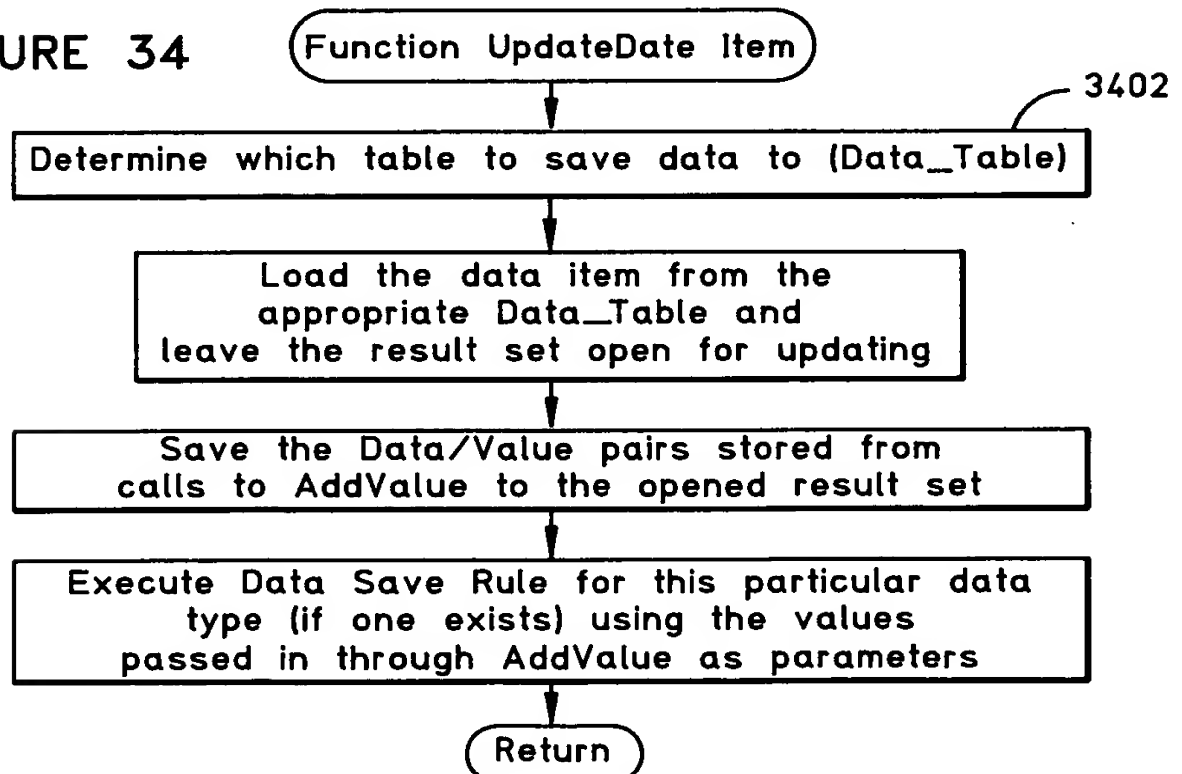


FIGURE 34



**FIGURE 35**

```
graph TD
    subgraph Clients
        A[Action Object Events] --> B[Auto Alert]
        B --> C{Process Alert Rule}
        C -- Ok --> D[Get Alert User(s)]
        D --> E[Process Alert's Message Template]
        E --> F[Send Alert]
    end

    subgraph Sender
        F --> G[Alert Sent]
        G --> H[Delete Alert Sent]
        H --> I[Alert Folder]
        I --> J[Sent Folder]
        J --> K[Adhoc Alert]
        K --> L[Select User]
        L --> M[Select Resolution Type Multiple or Single]
        M --> N[Enter Message]
        N --> O[(DB)]
    end

    subgraph Receiver
        O --> P{Check for Incoming Alert}
        P -- Has Alert --> Q[Flash & Sound System]
        Q --> R[View Alert]
        R --> S[Alert Received Folder]
        S --> T[Alert Saved Folder]
        T --> U[Delete Alert Saved]
        U --> V[View Alert Details]
        V --> W[Navigate to Data Links]
    end

    O --> X[Get New Alert]
    X --> Y[View Alert Details]
    Y --> Z[AutoSave New Alert]
    Z --> AA{Resolution Type?}
    AA -- Single --> AB[Clear all new alert]
    AA -- Multiple --> AC[Clear individual alert]
    AB --> O
    AC --> O
    AA --> AD[Send a separate alert to each user]
    AD --> AE[Send one alert to all users]
    AE --> AF{Resolution Type?}
    AF --> AG[Insert DB]
    AF --> AH[Send a separate alert to each user]
    AF --> AI[Send one alert to all users]
    AI --> O
```

The flowchart illustrates the Alert System process, starting with clients generating Action Object Events. These events trigger an Auto Alert, which then processes an Alert Rule. If the rule is OK, it gets the Alert User(s) and processes the Alert's Message Template. The Sender then sends the Alert, which is recorded in the Alert Sent and Delete Alert Sent folders. The Alert is then moved to the Alert Folder and Sent Folder. The Adhoc Alert process involves selecting a User, selecting a Resolution Type (Multiple or Single), and entering a Message. This message is then stored in the DB. The Receiver checks for Incoming Alerts. If an alert is received, it triggers a Flash & Sound System, which then views the Alert in the Alert Received Folder. The Alert is then saved in the Alert Saved Folder, and the user can delete the Alert Saved. The user can also view the Alert Details, which leads to navigating to Data Links. The DB also provides a Get New Alert, which leads to viewing Alert Details. The user can then AutoSave New Alert, which leads to a Resolution Type decision. If the Resolution Type is Single, it clears all new alerts. If the Resolution Type is Multiple, it clears individual alerts. The user can then send a separate alert to each user or send one alert to all users. The user can also insert the DB, which leads to a Resolution Type decision. If the Resolution Type is Single, it clears all new alerts. If the Resolution Type is Multiple, it clears individual alerts. The user can then send a separate alert to each user or send one alert to all users. The user can also insert the DB, which leads to a Resolution Type decision. If the Resolution Type is Single, it clears all new alerts. If the Resolution Type is Multiple, it clears individual alerts. The user can then send a separate alert to each user or send one alert to all users.

clients

SENDER

RECEIVER

Notes

-----  
Network Link

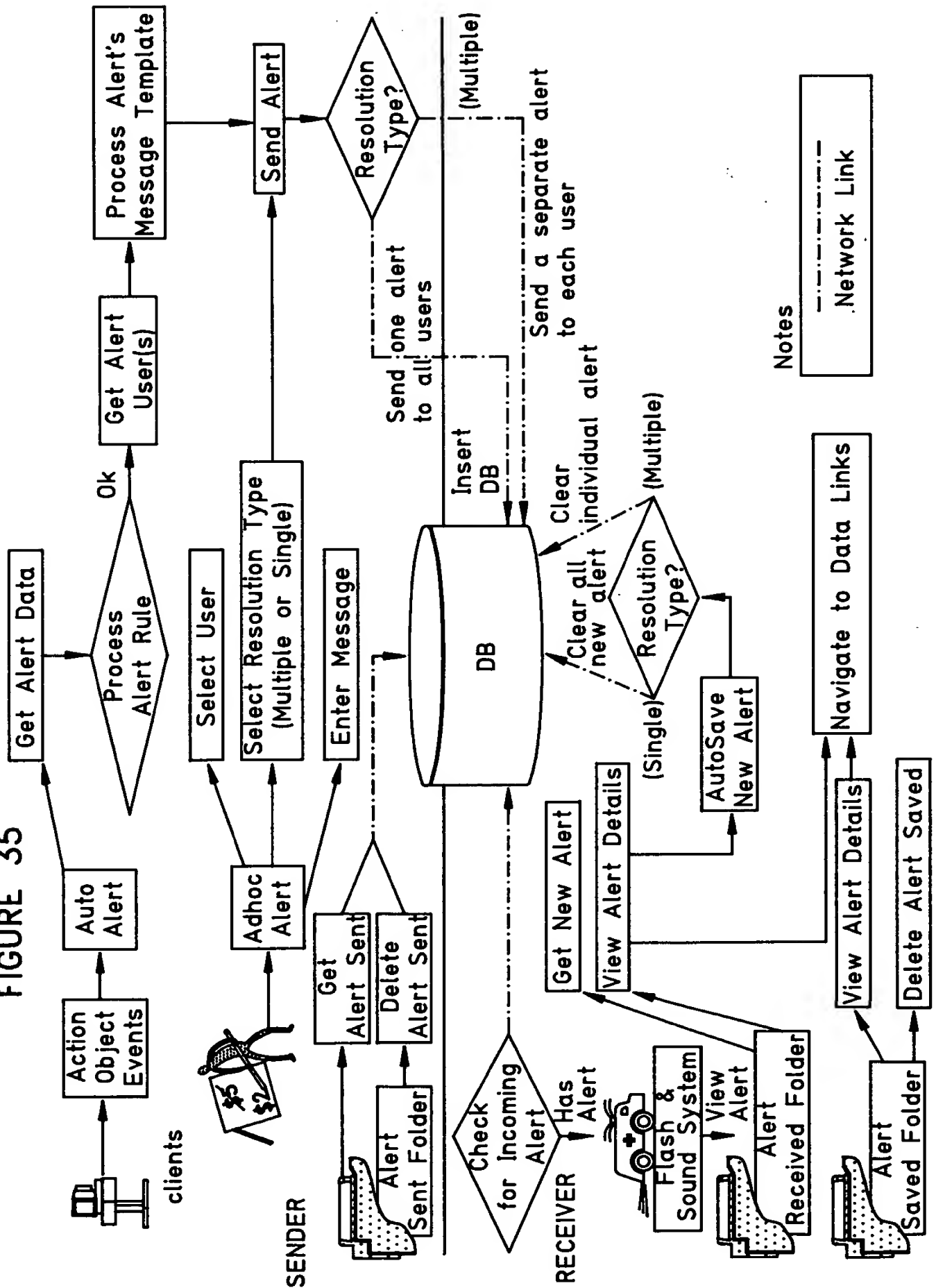




FIGURE 36

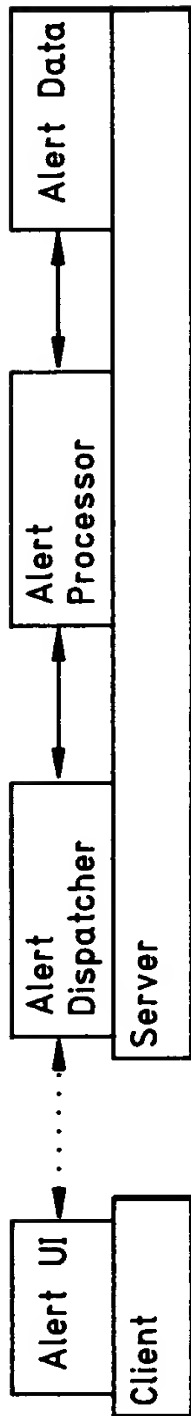
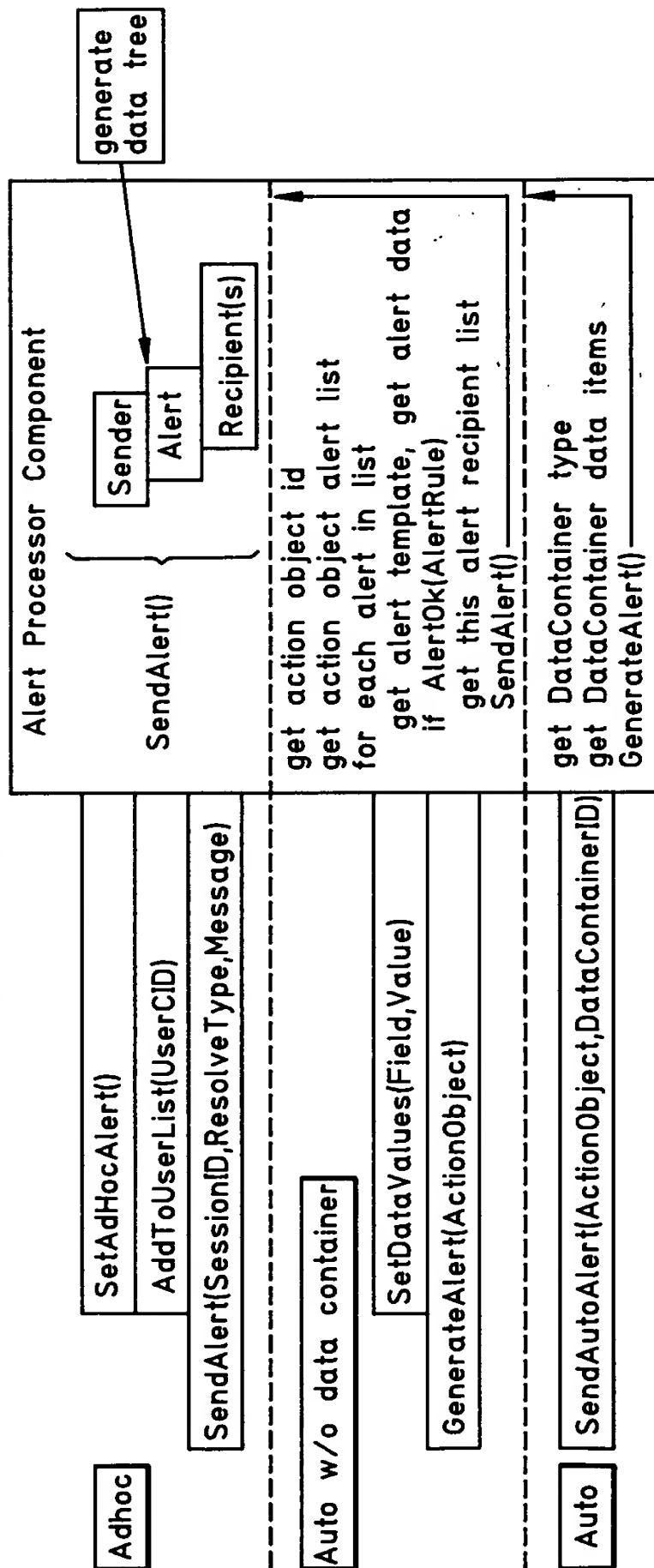


FIGURE 38



# Alert icon-flash & sound

<b>VIDIMEDIX Series 2000 Medical</b> <b>File Edit View Go Favorites Help</b>									
<b>VIDIMEDIX Series 2000 Medical</b> <b>ALERT</b>									
<b>Patient</b> <b>Patient Registration</b> <b>Appointments</b> <b>Schedule</b> <b>Patient</b> <b>Video</b> <b>Conferencing</b> <b>Send Alert</b> <b>Home</b> <b>Configuration</b> <b>Exit</b>									
<b>Appointments</b> <b>Scheduled Appointments</b>									
<b>FOR: Monday, January 18, 1999</b> <b>Ready to Transfer Files</b>									
Time	Action	Patient	Visit Type	Provider	Referrer	Status			
12:00AM	<u>View</u>	John Doe Gender:Male Age:29	Consultation Comprehensive	Texas Back Institute James Cable MD	Clinic3	Completed			
	<u>Call</u>	No Photo Available				Incomplete			
03:00AM	<u>View</u>	John Doe Gender:Male Age:29	Consultation Expanded	Texas Back Institute Marish Butler MD	Clinic3	Completed			
	<u>Call</u>	No Photo Available				Incomplete			
	<u>Chart</u>								
<b>Print Scheduled Appointments</b>									
<b>Alerts</b>									
<b>Ready to Transfer Files</b>									
<b>Alert Received</b>		<b>Alert Sent</b>		<b>Alert Saved</b>					
<b>Alert Details</b>		<b>Message</b>		<b>Sender</b>		<b>Date</b>			
<u>View Alert Details</u>		A new Telemedicine		Sandra Pinkerton		1/18/99 6:09:06 PM			
<u>View Alert Details</u>		Dan Hartson D.C. has a		Sandra Pinkerton		1/16/99 11:41:20 AM			
<u>View Alert Details</u>		A new Telemedicine app		Young Cho		1/15/99 11:33:36 AM			
<u>View Alert Details</u>		A new Telemedicine app		Young Cho		1/15/99 11:00:52 AM			
<b>Print Alert Received</b>									

Alert  
infos

FIGURE 37